



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Response Under 37 C.F.R. § 1.116 Expedited Procedure**

In re application of:

Richard A. Craig and Anthony J. Peurrung

Application No. 10/737,334

Filed: December 16, 2003

Confirmation No. 7550

For: METHOD AND APPARATUS FOR THE  
DETECTION OF HYDROGENOUS  
MATERIALS

Examiner: Ricardo J. Palabrica

Art Unit: 3663

Attorney Reference No. 23-70735-02

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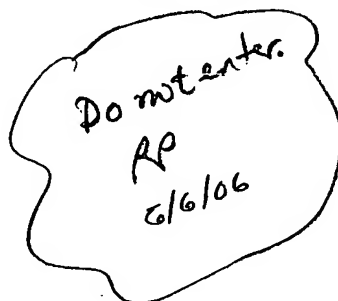
**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AF, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent  
for Applicants

Date Mailed

*[Signature]*  
MAY 24, 2006



**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

This responds to the Office action dated March 24, 2006. Please amend the referenced application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 1.

Remarks begin on page 7.